

AZAD HAIDER

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Contact Information

Department of Economics
Saint Mary's University
Halifax, NS Canada
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Current Position

Sobey School of Business, Saint Mary's University Canada 2015-2020

The Saint Mary's University maintains a distinguished reputation for conducting scientific research towards the advancement of languages, philosophy, natural, Business, and social sciences.

Postdoctoral/Research Fellow

Participated in research for the university and worked on research projects related to immigration with a diverse scope such as

- "WHO COMES, WHO STAYS, WHO LEAVES NOVA SCOTIA, AND WHY? under Nova Scotia Office of Immigration, Government of Nova Scotia with Dr. Ather H. Akbari at Saint Mary's University.
- "Impact of Immigration on Economic Growth in Canada and in its Smaller Provinces" with Dr. Ather H. Akbari
- "The Role of Community Networks in the Economic Integration of Immigrants in Canada: Some Evidence from Housing Market using Statistics Canada Census 1996, 2001, 2006 and 2016 data with Dr. Ather Akbari
- "Do the Immigrant and Non-Immigrant Workers make them Perfect Substitutes for Each Other in Canadian Labour Markets? A Production Function Analysis". with Dr. Ather Akbari and Dr. Wimal

Global Humanistic University (GHU) Curacao 2018- present

The Global Humanistic University (GHU) established in 2018, a university in Curacao for the purpose of providing and teaching high quality online study programs in the fields of business administration, finance and law.

Professor/PhD Advisor

Participated in teaching and research for the university and worked with the PhD candidates to provide research advise and guide to complete the PhD Thesis

Sustainable Development Policy Institute (SDPI) Pakistan 2018- present

SDPI is an independent non-profit organization to serve as a source of expertise for policy analysis and development, policy intervention, and policy and program advisory services. The SDPI ranked 1st in Pakistan, 15th among South East Asia and the Pacific and 52nd best independent think tanks in the world.

Visiting Fellow

Participated in research for the institute and worked on policy related issues with a diverse scope.

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Previous Position

Department of Economics, COMSATS University Islamabad, Pakistan 2012-2015

The COMSATS University maintains a distinguished reputation for conducting scientific research towards the advancement of languages, engineering, philosophy, natural, medical and social sciences and top Ranked in Pakistan.

Assistant Professor

Taught Economics courses (Microeconomics, Macroeconomics, Labour Economics, Managerial Economics, Econometrics, Research Methodology, and Mathematical Economics) to students at a graduate and undergraduate level. Participated in research for the university.

School of Economics, Quaid-i-Azam University Islamabad, Pakistan 2011-2012

The Quaid-i-Azam Urdu University maintains a distinguished reputation for conducting scientific research towards the advancement of languages, engineering, philosophy, natural, medical and social sciences and Ranked No.1 in Pakistan.

Assistant Professor

Taught Economics courses (Poverty and Income Distribution, Statistic for Economist) to students at a graduate level. Participated in research for the university.

Sobey School of Business, Saint Mary's University Canada 2008-2011

The Saint Mary's University maintains a distinguished reputation for conducting scientific research towards the advancement of languages, philosophy, natural, Business, and social sciences.

Research Fellow

Worked on the Ph.D. Dissertation and also Participated in research for the university and worked on research projects related to immigration with a diverse scope such as

- Research Assistant for Atlantic Canada Opportunities Agency (ACOA) in a Project entitled "Socioeconomic and Demographic Profiles of Immigrants in Atlantic Canada: 1981–2008" with Ather H. Akbari.
- Research Assistant in a Project entitled "Socioeconomic and Demographic Profiles of Immigrants in Prince Edward Island: 1981–2008" with Dr. Wimal Rankaduwa for Atlantic Metropolis Centre (AMC).
- Research Assistant in a project conducted for Citizenship and Immigration Canada (CIC), entitled "Socioeconomic Profiles of Immigrants in the Four Atlantic Provinces – Phase II: Focus on Vibrant Communities" with Dr. Ather H. Akbari and Dr. Wimal Rankaduwa.
- Teaching Assistant: I have been a TA at the Saint Mary' University for both graduate and undergraduate courses at various levels especially in the Master of Finance Program.

Teaching Interests

Labour Economics, Macroeconomics, Microeconomics, Development Economics, Income Distribution and Poverty, Energy Economics, Econometrics, Applied Econometrics, Statistic for Economist, Mathematical Economics, Mathematical Reasoning for Economist

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Research Interests

Macroeconomics, Labour Economics, Labour Market of Canada, Economics of Immigration, Health Economics, Poverty and Income Inequality, Productivity and Growth, Energy Economics, Climate Change, Economics of Environment, Financial Economics, Quantitative and Qualitative data analysis

Education:

Postdoctoral in Economics (2015 – 2018) Saint Mary's University, Halifax, NS, Canada

Ph.D. in Economics (2011)

- Federal Urdu University of Arts, Sciences and Technology, Islamabad, Pakistan
- Dissertation Title: *Employment – Growth Nexus (Jobless Growth): A Case Study of Pakistan*
- Supervisor: Professor Syed Ather Hussain Akbari, SMU Halifax NS Canada
- Co-advisor: Dr. Yigit Aydede, SMU, Halifax NS Canada.
- Ph.D. Thesis Evaluators: Dr. Amir Saleh Khalkhali (Saint Mary's University Canada) and Dr. Richard Watuwa (Cape Breton University Canada)
- Ph.D. Indigenous Scholarship Higher Education of Pakistan (app.15,000 US dollars).
- International Research Support Initiative Program (IRSIP) Grant for Ph.D. thesis completion at SMU, Canada (app.15,000 US dollars).

Master's in Economics (1998) The University of Punjab, Lahore, Pakistan.

Bachelor of Science (1994) Majors in Economics and Mathematics, The University of Punjab, Lahore, Pakistan.

Publications

- Haider, A., Bashir, A., Husnain, M. I. (2020). Impact of agricultural land use and economic growth on nitrous oxide emissions: Evidence from developed and developing countries. "Science of The Total Environment" 741:140421. <https://doi.org/10.1016/j.scitotenv.2020.140421>
- Javed, S. A.; Haider, A. Nawaz, M. (2020). How agricultural practices managing market risk get attributed to climate change? Quasi-experiment evidence. "Journal of Rural Studies" Vol 73, pp 46-55. <https://doi.org/10.1016/j.jrurstud.2019.11.020>
- Akbari, A. H.; and Haider, A. (2018). Impact of Immigration on Economic Growth in Canada and in its Smaller Provinces: "Journal of International Migration and Integration" Vol 19 Issue:1, pp 129-142. <https://doi.org/10.1007/s12134-017-0530-4>
- Husnain, M. I.; Subramanian, A.; and Haider, A. (2018). Robustness of Geography as an Instrument to Assess Impact of Climate Change on Agriculture: "International Journal of Climate Change Strategies and Management" Vol. 10 Issue: 5, pp.654-669, <https://doi.org/10.1108/IJCCSM-03-2017-0049>
- Khan, M. I.; Jafferri, A. A.; Abbas, F. and Haider, A. (2017). Does Trade Liberalization Improve Trade Balance in Pakistan? "South Asian Economics Journal" Vol: 18 (2), pp. 153-188.
- Zeb, A.; Haider, A.; Hussain, J.; Khan, M. Z.; Shaheen, F.; and Israr, M. (2017). Performance Evaluation of Pakistan's Oil and Gas Regulatory Authority. "International Journal of Energy Economics and Policy", Vol: 7(6), pp.72-77.
- An Econometric Analysis of the Statistical Relationship between Carbon Dioxide Emissions and Infant Mortality in South Asia "Journal of Scientific Research and Reports" Vol: 9 (2), 2016, pp. 1-8 (with Husnain et.al)

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- Improving Energy Regulatory Framework of Pakistan “*International Journal of Renewable Energy Research*” Vol: 5(4), 2015, pp. 1069-1079 (with Anwar et.al)
- Public Expenditure, Taxes and Economic Development: An Empirical Analysis for Pakistan “*Middle – East Journal of Scientific Research*” Vol: 23 (11), 2015, pp. 27562762 (with Husnain et.al)
- Energy Resources, Foreign Exchange Reserves and Economic Growth: Empirical Evidence from Pakistan “*American – Eurasian Journal of Agricultural and Environmental Sciences*” Vol: 15 (9), 2015, pp. 1740-1752 (With Faiza et.al)
- Examining Relationship between Electricity Consumption and its Major Determinants in Pakistan “*International Journal of Energy Economics and Policy*” Vol: 5(4), 2015, pp. 998-1009 (with Mudassar et.al)
- Determining the Optimal Level of Taxes in South Asia: An Unbalanced Budget Approach “*The Empirical Economic Letters*” Vol: 14 (8), 2015. (with Husnain et.al)
- Estimating Potential Output for Pakistan: A Production Function Approach “*British Journal of Economics, Management and Trade*” Vol:9 (4), 2015, pp.1-13 (with F. Shaheen et.al)
- Quality Assurance of Higher education in the Context of Performance Models: The Case of Pakistan “*Elixir International Journal Social Science*”. 85 (2015) pp.34201-34209 (with F. Shaheen, S. Jabeen and M. I. Husnain)
- Determinants of Deviation from Inflation Targets in Pakistan: A Vector Autoregressive Approach submitted in “*International Journal of Economics and Financial Issues*” Vol:5 (3), 2015, pp.709-715 (with Jabeen and Shaheen)
- Correlates of Preferences for Home or Hospital Confinement in Pakistan: Evidence from a National Survey (with S. A. Javed et.al) “*BMC Pregnancy and Child Birth*” 2013, 13:137, <http://www.biomedcentral.com/1471-2393/13/137>
- Inflation and Inflation Uncertainty Nexus: Empirical Evidence from Pakistan, *International Journal of Economics and Financial Issues*, Vol: 2 (3), 2012, pp. 348-356 (with S.A. Javed, S. A. Khan, and F. Shaheen)
- Public Spending, Foreign Direct Investment and Economic Growth: A Time Series Analysis for Pakistan (1975-2008), *International Research Journal of Finance and Economics*, Issue 61.2011, pp.20-28 (with Husnain, M. I; M. Khan; I. H Padda; N. Akram)
- Estimating Pakistan’s Time-Varying Non-Accelerating Inflation Rate of Unemployment: An Unobserved Component Approach, *International Journal of Economics and Financial Issues*, Vol. 1, No. 4, 2011, pp.172-179 (with Shaheen, F, and S.A. Javed)
- Testing the Harrod Balassa Samuelson Hypothesis: The Case of Pakistan, *Pakistan Development Review*, Issue (50) Vol:4 Winter, 2011, pp. 379-399 (with S. Jabeen and W.S. Malik)
- Can Sectoral Reallocation Explain the Jobless Growth? Empirical Evidence from Pakistan” *Pakistan Development Review*, Issue (49) Vol: 4, pp.705-718, Winter, 2010
- Sectoral Analysis of Employment Demand (Jobless Growth) in Pakistan” Online Paper and Proceeding, *Atlantic Canadian Economic Association Conference 2010*

Other Publications

- Social distancing in Pakistan: Estimates for lives it can save under different scenarios and dollar value of the saved lives. Sustainable Development Policy Institute (SDPI), Policy Review, May 15, 2020. <https://sdpi.org/publications/social-action-plan-1992-95-government-of-nwfp-p-1/>

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- **Book Chapter:** Rankaduwa W., Haider A., Cooray N.S. (2017). Education Expenditure and Economic Growth Under Decentralization: An Empirical Study of Sri Lanka and Canada. In: Cooray N., Abeyratne S. (eds) *Decentralization and Development of Sri Lanka Within a Unitary State*. Springer, Singapore
- Economic Impact of Saudi Arabian Students in Atlantic Canada (series of Blogs published with AIMS).<https://aimsblogst.wordpress.com/2016/11/17/economic-impact-ofsaudi-arabian-students-in-atlantic-canada/>
- Earnings, Employment and Age differentials between Immigrant and Native-born Workers by Occupations. NewsLetter _ Atlantic Research Group @SMU website. <http://www.smu.ca/centres-and-institutes/newspostings/october2017earningsemploymentandage.html>

Submitted for Publications

- Testing an Environmental Kuznets Curve for N2O Emissions in an Agrarian Economy: An ARDL Bounds Testing Approach **submitted** in “The Science of the Total Environment”
- Employment-Military Expenditure Nexus for Pakistan: A Revisit using Maximum Entropy Bootstrap Approach **submitted** in “The Singapore Economic Review ” (with Husnain et.al).

Work in Progress

- The Role of Community Networks in the Economic Integration of Immigrants in Canada: Some Evidence from Housing Market using Statistics Canada Census 1996, 2001 and 2006 data. Working on a paper with Dr. Ather Akbari
- Do the Immigrant and Non-Immigrant Workers make them Perfect Substitutes for Each Other in Canadian Labour Markets? A Production Function Analysis. Working on a paper with Dr. Ather Akbari and Dr. Wimal
- Education Expenditures and Economic Growth in Canada. Presented at Canadian Economic Association, 51th Annual Conference, St. Francis Xavier University, Antigonish, NS, Canada Working on a paper with Dr. Wimal
- N2O emissions and Economic Growth in Canada: Is there an Environmental Kuznets Curve? Presented at Atlantic Canadian Economic Association, 44rd Annual Conference, St. Francis Xavier University, Antigonish, NS, Canada. Working on a paper with Dr. Wimal
- Purchasing Power Parity and Intraregional Economic Integration in South Asia. Presented at *Canadian Economic Association*, 52nd Annual Conference, McGill University, Montreal, QC, Canada. Working on a paper with Dr. Wimal
- A Note on Pragmatic Analysis of Environmental Kuznets Curve with Dr. Iftikhar and Dr. Shaheen
- A Holistic Overview of Energy Sustainability in Pakistan with Dr. Iftikhar and Dr. Shaheen
- Why Jobless Growth in a Developing Country: The Case of Pakistan (Draft prepared for presentation at the 43rd annual conference of Atlantic Canadian Economics Association, Wolfville, NS)
- Employment-Growth Nexus (Jobless Growth) in a Developing Country: An Analysis of a Pakistani Data (with Dr. Akbari)

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Conference Papers

- **2018:** “How to Resolve Energy Problems of Pakistan?” presented at 4th International Conference on Power Generation Systems and Renewable Energy Technologies (PGSRET) 10-12 September 2018, Islamabad, Pakistan
- **2018:** “Purchasing Power Parity and Intraregional Economic Integration in South Asia”. Presented at *Canadian Economic Association*, 52nd Annual Conference, McGill University, Montreal, QC, Canada
- **2017:** “Education Expenditures and Economic Growth in Canada” Presented at *Canadian Economic Association*, 51th Annual Conference, St. Francis Xavier University, Antigonish, NS, Canada
- **2017:** “N2O emissions and Economic Growth in Canada: Is there an Environmental Kuznets Curve?” Presented at *Atlantic Canadian Economic Association*, 45th Annual Conference, St. Francis Xavier University, Antigonish, NS, Canada
- **2016:** “Immigrant communities and economic integration of immigrants in Canada: Some evidence from housing market” Presented at *Canadian Economic Association*, 50th Annual Conference, University of Ottawa, Ottawa, Canada
- **2016:** “Education Expenditures and Economics Growth in Atlantic Provinces” Presented at *Atlantic Canadian Economic Association*, 44th Annual Conference, Mount Allison University Sackville, New Brunswick Canada
- **2016:** “Foreign Direct Investment in the Energy Sector of Pakistan: A Way Forward for Renewable Energy. 8th South Asian International Conference, COMSATS, Islamabad, Pakistan
- **2015:** “Why Jobless Growth in a Developing Country: The Case of Pakistan” Presented at *Atlantic Canadian Economic Association*, 43rd Annual Conference, Acadia University, Wolfville, NS, Canada
- **2015:** “Community Networks and Economic Integration of Immigrants in Canada: Some Evidence from Housing Market” Presented at *Atlantic Canadian Economic Association*, 43rd Annual Conference, Acadia University, Wolfville, NS, Canada
- **2015:** “Climate Change Investment Bank – A Bank Ready to Fund Climate Change Projects in Pakistan” 7th South Asian International Conference, COMSATS, Islamabad, Pakistan.
- **2015:** “Immigration and regional economic growth in Canada” Presented at *Canadian Economic Association*, 49th Annual Conference, Toronto, Canada.
- **2012:** “Testing the Harrod Balassa Samuelson (HBS) Hypothesis: The Case of Pakistan” Presented at 27th Annual General Meeting and Conference of Pakistan Society of Development Economist, Islamabad, Pakistan,
- **2011:** “Factors Responsible for Jobless Growth in a Developing Country: Empirical Evidence from Pakistan” Presented at *Canadian Economic Association*, 45th Annual Conference, Ottawa, Canada
- **2010:** “Can Sectoral Reallocation Explains the Jobless Growth in a Developing Country: The Case of Pakistan” Presented at 26th Annual General Meeting and Conference of Pakistan Society of Development Economist, Islamabad, Pakistan,
- **2010:** Presentation, Atlantic Canadian Economic Association Annual Meeting, Cape Breton, NS, Canada.
- **2009:** Presentation, Atlantic Canadian Economic Association Annual Meeting, Saint John’s, NB, Canada
- **2009:** “Jobless Growth in a Developing Country: An Analysis of Pakistani Data” Presented at *Canadian Economic Association*, 43rd Annual Conference, Annual Meeting, Toronto, Canada.

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Research and Other Scholarly Work

- Principal Investigator of Project “Can Horizontal Industrial Reallocation Explain the Jobless Recovery in Pakistan: Evidence from Industry Level Data” (HEC Funded Project)
- Co-Principal Investigator of a project funded by HEC Pakistan Titled “Financial Planning for Energy Security in Pakistan: The Way Forward for Renewable Energy” (HEC Funded Project)

Theses Supervised at Graduate Level

Quid-e-Azam University Islamabad

Several theses supervised at the graduate level in the Department of Economics

COMSATS Institute of Information Technology Islamabad

- **Anwar Zaib:** “Improving Energy Regulatory Framework of Pakistan”
- **Mudassir Zaman Khan:** “Examining Relationship Between Electricity Consumption and its Major Determinants in Pakistan”
- **Muhammad Israr:** “Natural Gas Consumption and Growth Nexus: Sectoral (Domestic, Commercial and Industrial) Analysis of Pakistan”
- **Muhammad Farhan:** “Electricity Consumption and Growth Nexus: Sectoral Analysis of Pakistan”
- **Syed Naveed Haider Naqvi:** “An Interactive Approach to Rapid Implementation of ISO 50001, Energy Management System in Industry: The case of Pakistan”
- **Faiza Khan:** “Examining Relationship Between GDP and Its Major Determinants in Pakistan”
- **Amir Bilal:** “Impact of Rewards on Employees Performance in Construction Companies of Pakistan”
- **Asad Bilal:** “Factors Contributing to Entrepreneurial Business Projects’ Success in District Kohat”
- **Shakeel Ahmed:** “Comparison Among Technologies Being Used to Generate Electricity Through Solar Energy in Pakistan”
- **Muhammad Aqeel:** “Synthetic Natural Gas an alternative Energy Option for Natural Gas: The Case of Pakistan”
- **Abdul Basit:** “Can Industrial Re-Allocation Explain the Jobless Growth in Manufacturing Sector: Empirical Evidence from Pakistan”
- **Mudassar Hussain:** “Cost Overrun Factors in Post-earthquake Construction Projects of Azad Kashmir (A case of district Muzaffarabad and district Bagh)”
- **Muhammad Aazim Shah:** “Effectiveness of Project Management in Well-Established Non-Governmental Organizations”
- **Asif Zia:** “Factors Influencing Customer Satisfaction on Islamic Banking”
- **Farrukh Abbas:** “Impact of Capital Structure on Firm Performance”
- **Sareena Ikram:** “Educational Reforms and Its Impact on Economic Growth: The Case of South Asia”
- **Several BS and MBA projects supervised**

External Examiner (MS and MPhil level):

Pakistan Institute of Development Economics (PIDE) Islamabad Pakistan, Federal Urdu University of Arts, Science and Technology Islamabad Pakistan, National Defense University (NDU) Islamabad Pakistan, Allama Iqbal Open University Islamabad Pakistan

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Review Advice for reputable National and International Journals

International Migration, Renewable & Sustainable Energy Reviews (RSER), Singapore Economic Review (SER), International Journal of Climate Change Strategies and Management (IJCCSM), Physica A: Statistical Mechanics and its Applications, Journal of Asian and African Studies, Journal under MDPI (Climate, Economies, Sustainability, Econometrics, Energies), Journal of Review on Global Economics, International Journal of Renewable Energy Research (IJRER), Islamabad Policy Research Institute (IPRI) Journal, The Journal of Animal and Plant Sciences (JAPS), Sarhad Journal of Agriculture (SJA), The Forman Journal of Economic Studies, Pakistan Journal of Agriculture Research (PJAR), Asian Journal of Economic Modelling (AESS), Journal of Business and Economics (JBE), Pakistan Journal of Social Issues (PJSS), Journal of Quantitative Methods (JQM), The Scientific World Journal, Review of Business Management (RBGN).

Administrative Responsibilities at COMSATS Islamabad

- Member of Graduate Research Advisory Committee
- Member (Secretary) Faculty Peer Review Committee
- Member of Departmental Academic Review Committee (DARC)
- Member of Admission Interview Panel (MS, MBA, BS)
- Member of the Project Evaluation Committee (MBA level)

Awards and Grants

- **2008-09: HEC Pakistan**, International Research Support Initiative Program (IRSIP) Grant for SMU, Canada (app.15,000 US dollars).
- **2004-2008: HEC Pakistan**, Ph.D. Scholarship (app.15,000 US dollars).

Affiliations

- Canadian Economic Association
- Atlantic Canadian Economic Association
- Pakistan Society of Development Economist (PSDE)

Computer Skills

- EViews, STATA, SPSS, Expert Choice, Microsoft Office.

Languages

- English, Urdu, Punjabi